

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 20, 21 and 27-30 in accordance with the following:

1. (CURRENTLY AMENDED) A moving picture reproducing device for reproducing an inputted data stream of moving picture data comprised of a plurality of frames, ~~decoding each frame of the moving picture data and synchronously outputting the decoded moving picture data based on time information of the frames~~, comprising:

 a time information interpolation processing unit to count a number of frames from a first frame up to a second frame, and to interpolate time information for a key frame based on time information of the first frame and the counted number of frames; and

 a decoding unit to decode and output the moving picture data based on the interpolated time information of the key frame,

 wherein the first frame appears toward a positive direction of a time axis from a predetermined intermediate seek position in the data stream, and

 the second frame appears after the key frame, with the key frame not having time information and appearing toward the positive direction of the time axis from the intermediate seek position.

20. (CURRENTLY AMENDED) A moving picture reproducing method for reproducing an inputted data stream of moving picture data comprised of a plurality of frames, ~~decoding each frame of the moving picture data and synchronously outputting the decoded moving picture data based on time information given to each frame~~, comprising:

Interpolating time information interpolating by counting up a number of frames from a first frame up to a second frame, the first frame having time information and appearing toward a positive direction of a time axis from a predetermined intermediate seek position in the data stream, with the second frame not having time information and appearing after a key frame, the key frame appearing toward the positive direction of the time axis from the intermediate seek position, and interpolating the time information for the key frame based on the time information of the first frame and the counted number of frames.

21. (CURRENTLY AMENDED) A computer readable medium comprising a computer program controlling a computer to execute a moving picture reproduction operation for an inputted data stream of moving picture data comprised of a plurality of frames, decoding each frame of the moving picture data and synchronously outputting the decoded moving picture data based on time information given to each frame, the moving picture reproduction process comprising:

interpolating time information interpolating by counting up a number of frames from a first frame up to a second frame, the first frame having time information and appearing first toward a positive direction of a time axis from a predetermined intermediate seek position in the data stream, with the second frame not having time information and appearing after a key frame, the key frame appearing toward the positive direction of the time axis from the intermediate seek position, and interpolating the time information for the key frame based on the time information of the first frame and the counted number of frames.

27. (CURRENTLY AMENDED) A computer readable medium comprising computer readable code controlling a computer to control the execution of the method of claim 20.

28. (CURRENTLY AMENDED) A computer readable medium comprising computer readable code controlling a computer to control the operation of the apparatus of claim 1.

29. (CURRENTLY AMENDED) A computer readable medium comprising computer readable code controlling a computer to control the operation of the apparatus of claim 22.

30. (CURRENTLY AMENDED) A computer readable medium comprising the computer program of claim 21.